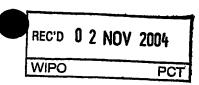
Rec'd PCT/PTO 0.7 JAN 2005

Tradition I

### ATENT COOPERATION TREATY

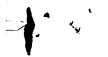
## **PCT**



## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference OP030054P  FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)							
	International filing da	te (day/month/year)	Priority date (day/month/year)				
International application No. PCT/CN03/00541	,	3 (08.07.2003)	8 Jul 2002 (08.07.2002)				
		•	0 341 2002 (00.07.2002)				
International Patent Classification (IPC) of	International Patent Classification (IPC) or national classification and IPC  IPC7: H04Q7/22						
	IC: 104Q//42						
Applicant	Applicant HUAWEI TECHNOLOGIES CO.LTD ETAL						
This international preliminary examin	nation report has been pr	repared by this Internations	al Preliminary Examining Authority and				
is transmitted to the applicant accordin							
2. This REPORT consists of a total of		sheets, including thi					
☐ This report is also accompanied by AN							
i			Fore this Authority ( see Rule 70.16 and				
Section 607 of the Administrative Instr	uctions under the PC1)	•	ļ				
These annexes consist of a total of		sheets.					
3. This report contains indications rela	ting to the following ite	ms:					
I 🛛 Basis of the report							
II priority							
III Non-establishment of opinio	n with regard to novelty	,inventive step and indust	rial applicability				
IV  Lack of unity of invention			· ,				
	V ☑ Reasoned statement under Article 35(2) with regard to novelty ,inventive step or industrial applicability; citations and explanations supporting such statement						
VI Certain documents cited							
VII☐ Certain defects in the interna	ational application						
VII Certain observations on the international opplication.							
Date of submission of the demand	Date of submission of the demand  Date of completion of this report						
24.Nov.2003 (24.11.200	24.Nov.2003 (24.11.2003) 24 Sep 2003(25.09.2004)						
Name and mailing address of the IPEA/Ch		Authorized officer					
6 Xitucheng Rd., Jimen Bridge, Haidian D 100088 Beijing, Chir		9	GENG XIAOFANG				
Facsimile No. 86-10-62019451		Telephone No.	[F] [CI]				



## INTERNATIONAL PRELICENCY EXAMINATION REPORT

Intern	I application No.
	PCT/CN03/00541
	FC1/C1402/00241

I.	В	asis of the	report		
1.	With	_			,as originally filed
		pages			filed with the demand
		pages	file	ed with the letter of	,
	П	the claims		<del> '</del>	
		Nos			as originally file,
		Nos	,	as amended (together with any s	tatement)under Article 19
		Nos			,filed with the demand
		Nos	,fil	ed with the letter of	
		the drawin	ngs:		:
		sheets/fig			as originally filed
		sheets/fig			,filed with the demand
		sheets/fig	,fil	ed with the letter of	<del></del>
		the seque	ence listing part of the description:		
		pages			as originally filed
		pages			,filed with the demand
		pages		ed with the letter of	
		_	to the language, all the elements marked above were av ternational application was filed, unless otherwise indicates.		ority in the language in
	The		s were available or furnished to this Authority in the fol		which is:
3.	the language of a translation furnished for the purposes of international search search (under Rule 23.1(b)).  the language of publication of the international application (under Rule 48.3(b)).  the banguage of the translation furnished for the purposes of international preliminary examination (under Ruls Rules 55.2 and/or 55.3).  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:				
		filed togeth furnished s furnished s The statem	in the international application in written form.  ther with the international application in computer readal subsequently to this Authority in written form.  Subsequently to this Authority in computer readable forment that the subsequently furnished written sequence listen as filed has been furnished.	m.	osure in the international
		The staten	ment that the information recorded in computer readable.	e form is identical to the written	sequence listing has been
<ol> <li>4.</li> <li>5.</li> </ol>	_		the description,pages the claims Noa. the drawings,sheets/fig as been established as if (some of )the amendments had	not been made, since they have	been considered to go
	-		sclosure as filed, as indicated in the Supplemental Box (		
*	-	his report a	eets which have been furnished to the receiving Office in as "originally filed" and are not annexed to this report	<del>-</del>	· ·
**	Any re	placement .	sheet containing such amendments must be referred to	under item l and annexed to this	report.

#### INTERNATIONAL PRELIMATION REPORT

Internat	application No.
	PCT/CN03/00541

Statement:			
Novelty (N)	Claims	1-19	YES
	Claims		NO
Inventive step (IS)	Claims	1-19	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-19	YES
	Claims	•	NO

2. Citations and explanations (Rule 70.7)

D1 (CN1143441A), D2 (CN1225787A), D3 (CN1238112A)

Claims 1-19 meet the criteria for novelty and inventive step.

The present invention refers to a network and method of realizing local roaming for subscribers. The network includes a roaming number manager(RNM). Said RNM is used to manage mobile numbers of home and negotiation roaming location, and dynamically allocates the mobile number of negotiation roaming location to roaming user to realizing local roaming. Said method realizing local roaming based on the RNM.

D1, D2 and D3 do not teach or suggest said feathers.

Therefore What is claimed in Claims 1-19 is considered to be novel and to involve an inventive step.

There is no reason to doubt the industrial applicability of the claimed invention.

# 专利合作条约



国际初步审查报告 (PCT 条约 36 和细则 70)



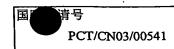
REC'D 0 2 NOV 2004

WIPO PCT

申请人或代理人的档案号 OP030054P	关于后续行为 参见"传送国际初步审查报告的通知"(PCT/II		步审查报告的通知" (PCT/IPEA/416 表)			
国际申请号	国际申请日(日/月/年	E)	优先权日(日/月/年)			
国际中语号 PCT/CN03/00541	08.7月 2003(		08.7 月 2002(08.07.02)			
国际专利分类(IPC)或者国家分类和 IP	C 两种分类 IPC <sup>7</sup> : H04					
	HC. 110	<b>~</b> =				
申请人	华为技术有阿	是公司 等	1. A.			
1. 本国际初步审查单位已作出国际	初步审查报告并依照统	条约第 36 条将其	<b>其传送给申请人。</b>			
2. 本报告共计 3 页,包括扉页。						
□ 本报告还有附件,即修改后	的并且作为本报告基础	础的说明书修改	页、权利要求书修改页和/或附图修改			
页,和/或对本国际初步审查	查单位所作出的更正页	(见 PCT 细则 7	0.16 和行政规程 607)。			
这些附件共计页						
3. 本报告包括关于下列各项的内容	3. 本报告包括关于下列各项的内容:					
I 区 报告的基础						
Ⅱ □ 优先权						
Ⅲ □ 不作出关于新颖性、创造性和工业实用性的意见						
IV □ 缺乏发明的单一性						
V 区 按条约 35(2)关于新颖性、创造性或工业实用性的推断性意见;支持这种意见的引证和解释						
VI □ 引用的某些文件						
VII □ 国际申请中的某些缺陷	<b>各</b>					
VIII □ 对国际申请的某些意见	凡					
		•				
提交要求书的日期		完成本报告的				
24.11 月 2003(24.11	.2003)		24.9 月 2004(24.09.2004)			
国际初步审查单位名称和地址		受权官员				
I PEA/CN	b c = (100000)		耿晓芳 4			
中国北京市海淀区西土城路 传真号: 86-10-62019451	\$ (₹\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	电话号码: 86	-10-62084580			

I.	报告	的基础					
1.	关于国	国际申请中各个	部分: *				
	$\boxtimes$	原始提交的国際	示申请。				
		说明书,	第		原始提交的,		
			第		要求书提交的,	的信件提交的。	
			第		mark Imparts	的沿行还父的。	
		权利要求,	第		原始提交的,		
			第		条约第 19 条修改的(附有说明),		
			第		要求书提交的。	的信件提交的。	
	•		第	项,		H71H1136X430	
		附图,	第页,				
			第页,		と的, 的信化	<b>非提交的。</b>	
	_	W = H + 13 + 4 L #	第页,		нун	, Jexan	
		说明书中的序		而.	原始要求提交的,		
			第 <sub></sub>		随要求书提交的,	!	
Į			第 <sub></sub> 第	———— <sup>页,</sup> 页,	• -	的信件提交的。	
			<b>弗</b>	,			
	本国际初步审查单位所获得的或向本国际初步审查单位提交的这些部分所使用的语言是						
	□ 为了国际检索而提交的译本所使用的语言(细则 23.1 (b) )。						
!	□ 本国际申请公布时所使用的语言(细则 48.3(b))。						
		□ 为了国际	示初步审查而提交	的译本所使用	的语言(细则 55.2 和/或 55.3)。		
3	.关于	F本国际申请中 	所公开的任何核苷	术酸和/或氨基	酸的序列,本国际初步审查是根据	下面的序列表进行的:	
			青中所包含的书写				
		一	申请同时提交的计	·算机可读形式	的序列表。		
	一						
	一 一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一						
	□ 后来以计算机可读的形式问本国际初步审查中位是文的历代表。 □ 已提交了关于后来提交的书写形式的序列表没有超出原始提交的国际申请所公开的范围的说明。						
	□ 已提交了关于后来提交的书写形式的序列表没有超出原始是文的国际中谓所公开的记出的67.75 □ 已提交了关于以计算机可读的形式记载的信息是与书写形式的序列表相同的说明。						
		-			的信息在马下马形式的历列农作品	A IV. DA L'HE	
4	1. 修	改删除了以下内					
		□说明书,					
		□ 权利要求	℟, 第		项		
		附图,	第	页,图			
	5. [	] 由于(某些)修	 多改被认为超出了原	— 原始公开的范围		照如同没有修改的情况作	
		出的(细则 70	).2(c))。**				
	* 按	昭条约第 14 条答	·复通知时向受理局	提交的替换页,	在本报告中被称为"原始提交的",	这些替换页不作为	
	本报告的附件,因为它们没有包含修改(细则 70.16 和 70.17)。						
					,并作为本报告的附件。		
	** 任	何包含这种修改	<b>的替换贝,</b> 都必须(	工舟工火工和ツ	N ILVANAN E HAMILIO		





v.	按条约 35 条(2)关于	-新颖性、创造性或工业实用性的推断性意见,支持这种意见的引证和解释	
1.	意见		
	新颖性(N)	权利要求 1-19	. 是
		权利要求	否
	创造性(IS)	权利要求 1-19	_是 -
		权利要求	否-
	工业实用性(IA)	权利要求 1-19	_是
	,	权利要求	_否

2. 引证和解释 (细则 70.7)

权利要求 1-19 具备新颖性和创造性。

D1 (CN1143441A), D2 (CN1225787A), D3 (CN1238112A)

本发明公开了一种实现本地化漫游的网络及其方法。网络包括一个漫游号码管理器,所述漫游号码管理器 管理归属地和漫游地的移动电话号码,把所获得的协约漫游地移动电话号码的集合作为资源池,动态将协约漫游 地移动电话号码分配给用户。并且该方法进一步基于该漫游号码管理器实现移动用户本地化漫游。

D1、D2、D3 均没有公开上述特征。

因此权利要求 1-9 符合新颖性和创造性的规定。